SEQUENCE LISTING

T,0740
)5

(1) GENERAL INFORMATION:

    (i) APPLICANT: Linsley, Peter S
                 Ledbetter, Jeffrey A
                 Damle, Nitin K
                 Brady, William

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    (ii) TITLE OF INVENTION: LIGAND FOR CD28 RECEPTOR ON B
CELLS AND METHODS

    (iii) NUMBER OF SEQUENCES: 7

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    (iv) CORRESPONDENCE ADDRESS:
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    (v) COMPUTER READABLE FORM:

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        (A) MEDIUM TYPE: Floppy disk
        (B) COMPUTER: IBM PC compatible
        (C) OPERATING SYSTEM: PC-DOS/MS-DOS
        (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

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    (vi) CURRENT APPLICATION DATA:
        (A) APPLICATION NUMBER:
        (B) FILING DATE:
        (C) CLASSIFICATION:

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(viii) ATTORNEY/AGENT INFORMATION:
    (A) NAME: Mandel, SaraLynn
    (B) REGISTRATION NUMBER: 31,853
    (C) REFERENCE/DOCKET NUMBER: 7794

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    (ix) TELECOMMUNICATION INFORMATION:
        (A) TELEPHONE: (818) 796-4000
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10   (2) INFORMATION FOR SEQ ID NO:1:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 39 base pairs
        (B) TYPE: nucleic acid
15   (C) STRANDEDNESS: single
        (D) TOPOLOGY: linear

    (ii) MOLECULE TYPE: DNA (genomic)

20   (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

    (vi) ORIGINAL SOURCE:
25   (A) ORGANISM: Homo sapiens

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

CTAGCCACTG AAGCTTCACC ATGGGTGTAC TGCTCACAC   39

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   (2) INFORMATION FOR SEQ ID NO:2:

    (i) SEQUENCE CHARACTERISTICS:
        (A) LENGTH: 39 base pairs
35   (B) TYPE: nucleic acid

      (C) STRANDEDNESS: single

      (D) TOPOLOGY: linear

  (ii) MOLECULE TYPE: DNA (genomic)

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  (iii) HYPOTHETICAL: NO

  (iv) ANTI-SENSE: NO

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  (vi) ORIGINAL SOURCE:

      (A) ORGANISM: Homo sapiens

  (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

15   TGGCATGGGC TCCTGATCAG GCTTAGAAGG TCCGGGAAA   39

(2) INFORMATION FOR SEQ ID NO:3:

  (i) SEQUENCE CHARACTERISTICS:

20   (A) LENGTH: 39 base pairs

      (B) TYPE: nucleic acid

      (C) STRANDEDNESS: single

      (D) TOPOLOGY: linear

25   (ii) MOLECULE TYPE: DNA (genomic)

  (iii) HYPOTHETICAL: NO

  (iv) ANTI-SENSE: NO

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  (vi) ORIGINAL SOURCE:

      (A) ORGANISM: Homo sapiens

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

TTTGGGCTCC TGATCAGGAA AATGCTCTTG CTTGGTTGT   39

5   (2) INFORMATION FOR SEQ ID NO:4:

        (i) SEQUENCE CHARACTERISTICS:
             (A) LENGTH: 84 base pairs
             (B) TYPE: nucleic acid
10   (C) STRANDEDNESS: single
             (D) TOPOLOGY: linear

       (ii) MOLECULE TYPE: DNA (genomic)

15 (iii) HYPOTHETICAL: NO

      (iv) ANTI-SENSE: NO

      (vi) ORIGINAL SOURCE:
20   (A) ORGANISM: Homo sapiens

       (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

    AAGCAAGAGC ATTTTCCTGA TCAGGAGCCC AAATCTTCTG ACAAAACTCA CACATCCCCA   60
25 CCGTCCCCAG CACCTGAACT CCTG   84

    (2) INFORMATION FOR SEQ ID NO:5:

        (i) SEQUENCE CHARACTERISTICS:
30   (A) LENGTH: 41 base pairs
             (B) TYPE: nucleic acid
             (C) STRANDEDNESS: single
             (D) TOPOLOGY: linear

35   (ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

(iv) ANTI-SENSE: NO

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(vi) ORIGINAL SOURCE:
    (A) ORGANISM: Homo sapiens

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

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CTTCGACCAG TCTAGAAGCA TCCTCGTGCG ACCGCGAGAG C   41

(2) INFORMATION FOR SEQ ID NO:6:

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(i) SEQUENCE CHARACTERISTICS:
    (A) LENGTH: 47 base pairs
    (B) TYPE: nucleic acid
    (C) STRANDEDNESS: single
    (D) TOPOLOGY: linear

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(ii) MOLECULE TYPE: DNA (genomic)

(iii) HYPOTHETICAL: NO

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(iv) ANTI-SENSE: NO

(vi) ORIGINAL SOURCE:
    (A) ORGANISM: Homo sapiens

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(xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

CATTGCACAG TCAAGCTTCC ATGCCCATGG GTTCTCTGGC CACCTTG   47

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(2) INFORMATION FOR SEQ ID NO:7:

      (i) SEQUENCE CHARACTERISTICS:
          (A) LENGTH: 39 base pairs

5   (B) TYPE: nucleic acid
          (C) STRANDEDNESS: single
          (D) TOPOLOGY: linear

     (ii) MOLECULE TYPE: DNA (genomic)

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   (iii) HYPOTHETICAL: NO

    (iv) ANTI-SENSE: NO

15   (vi) ORIGINAL SOURCE:
          (A) ORGANISM: Homo sapiens

    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

20   ATCCACAGTG CAGTGATCAT TTGGATCCTG GCATGTGAC   39